

LAYOUT PATTERNS FOR DEEP WELL REGION TO FACILITATE ROUTING BODY-
BIAS VOLTAGE

ABSTRACT OF THE INVENTION

5 Layout patterns for the deep well region to facilitate routing the body-bias voltage in a semiconductor device are provided and described. The layout patterns include a diagonal sub-surface mesh structure, an axial sub-surface mesh structure, a diagonal sub-surface strip structure, and an axial sub-surface strip structure. A particular layout pattern is selected for an area of the semiconductor device according
10 to several factors.